

### Amendments to the Claims

Please amend the claims as indicated below. All claims are listed below, with amended, cancelled and original claims so marked. This listing of claims will replace all prior versions, and listings, of claims in the application:

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- 1           1.       (Original) A method comprising:
- 2           producing a pseudonym including a public pseudonym key within a platform;
- 3           placing the public pseudonym key into a certificate template;
- 4           performing a hash operation on the certificate template to produce a certificate
- 5 hash value;
- 6           performing a transformation on the certificate hash value for transmission from
- 7 the platform;
- 8           receiving a signed result being a digital signature for the transformed certificate
- 9 hash value; and
- 10          performing an inverse transformation on the signed result to recover a digital
- 11 signature of the certificate hash value.
- 12          2.       (Original) The method of claim 1, wherein the producing of the pseudonym
- 13 includes generating the public pseudonym key and a private pseudonym key
- 14 corresponding to the public pseudonym key.
- 15          3.       (Original) The method of claim 1, wherein the placing of the public
- 16 pseudonym key into the certificate template includes writing the public pseudonym key
- 17 into a field of the certificate template.

1           4.     (Original) The method of claim 1, wherein the performing of the  
2 transformation comprises:

3                 performing a logical operation on the certificate hash value using a pseudo-  
4 random number to produce a value differing from the certificate hash value.

a! 5           5.     (Original) The method of claim 4, wherein the pseudo-random number is a  
6 predetermined value raised to an inverse power designated by a pseudo-random value.

7           6.     (Original) The method of claim 5, wherein the pseudo-random value is  
8 stored in secure memory.

9           7.     (Original) The method of claim 4, wherein the performing of the inverse  
10 transformation comprises performing a logical operation on the signed result using an  
11 inverse of the pseudo-random number.

12           8.     (Original) The method of claim 1, wherein prior to receiving the digital  
13 signature, the method comprises:

14                 digitally signing a certification request, including the transformed certificate hash  
15 value, with a private key of a first platform to produce a signed certification request.

16           9.     (Original) The method of claim 8, wherein prior to receiving the digital  
17 signature, the method further comprises:

18                 obtaining a device certificate being a digital certificate chain that includes a public  
19 key of a first platform, to accompany the signed certificate request

1           10.   (Original) The method of claim 9, wherein prior to receiving the digital  
2   signature, the method further comprises:  
3           transferring the signed certificate request and the device certificate to a second  
4   platform.

a! 5           11.   (Currently Amended) The method of claim 1[ 1 ] further comprising:  
6           storing the digital signature of the certificate hash value for use in subsequent  
7   communications to a remotely located platform.

8           12.   (Currently Amended) A device comprising:  
9           a processing unit; and  
10          a persistent memory including a first key pair and at least one pseudonym for use  
11   in communications with a remotely located device and in identifying that a platform  
12   containing the device is secure, wherein the at least one pseudonym includes a second  
13   key pair that is erased after a communication session with the remotely located device  
14   has concluded.

15          13-14. (Cancelled)

16          15.   (Original)    The device of claim 12 further comprising:  
17          a number generator to assist in producing the at least one pseudonym.

18          16.   (Currently Amended)    A platform comprising:  
19          a transceiver; and

1 a device in communication with the transceiver, the device including a persistent  
2 memory to contain  
3 a permanent key pair,  
4 at least one pseudonym generated internally within the device and  
5 a digital signature of a hash value of a digital certificate chain that includes  
a<sup>1</sup> 6 a public pseudonym key of the at least one pseudonym.

7 17. (Original) The platform of claim 16, wherein the device further  
8 includes:

9 a processing unit to  
10 (i) write the public pseudonym key into a certificate template,  
11 (ii) perform a hash operation on the certificate template to produce a  
12 certificate hash value,  
13 (iii) to perform a transformation operation on the certificate hash value.

14 18. (Original) The platform of claim 17, wherein the processing unit of the  
15 device further produces a digital signature of at least the transformed certificate hash  
16 value using a private key of the permanent key pair.

17 19. (Currently Amended) The platform of claim 17 [ 16 ], wherein the  
18 processing unit of the device further appending a device certificate with the digital  
19 signature of at least the transformed certificate hash value.

20 20. (Original) The platform of claim 19, wherein the device certificate is the  
21 digital certificate chain.

1           21.   (New) A method for utilizing a persistent memory of a device, comprising:  
2           storing in the persistent memory a first key pair; and  
3           storing in the persistent memory at least one pseudonym for use in  
4           communications with a remotely located device and in identifying that a platform  
5           containing the device is secure, wherein the at least one pseudonym includes a second  
6           key pair that is erased after a communication session with the remotely located device  
7           has concluded.

8           22.   (New) The method of claim 21 further comprising:  
9           utilizing a number generator to assist in producing the at least one pseudonym.

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